

CLAIMS

1. A method of performing a handoff of a mobile station between a first
2 radio access network of a first type and a second radio access network of a
second type, comprising:
4 determining, at the mobile station, whether changing from
communicating over the first radio access network to communicating over the
6 second radio access network will cause routing ambiguity for data sent to and
from the mobile station; and
8 triggering, at the mobile station, a re-registration of a network address of
the mobile station if changing from communicating over the first radio access
10 network to communicating over the second radio access network will cause
routing ambiguity for data sent to and from the mobile station.

2. In a packet data serving node of a communications network, a
2 method of compensating for a handoff of a mobile station between a radio
access network of a first type and a radio access network of a second type,
4 comprising:
determining, at the packet data serving node, whether multiple radio-
6 access-network-to-packet-data-serving-node (R-P) connections are being
created for the same mobile station; and
8 terminating, at the packet data serving node, redundant R-P connections
resulting from movement of the mobile station between a radio access network
10 of a first type and a radio access network of a second type.

3. The method of claim 2, further comprising monitoring, at the
2 packet data serving node, network address re-registrations of mobile stations.

4. A mobile station, comprising:
2 a control processor; and
a memory coupled to the control processor and containing instructions
4 executable by the processor to determine whether handing off from a radio
access network of a first type to a radio access network of a second type will
6 cause routing ambiguity for data sent to and from the mobile station, and
triggering a re-registration of a network address of the mobile station based on
8 the determination.

Sub A1 5. A mobile station, comprising:

- 2 means for determining whether handing off communications from a
radio access network of a first type to a radio access network of a second type
4 will cause routing ambiguity for data sent to and from the mobile station; and
2 means for triggering a re-registration of a network address of the mobile
6 station based on the determination.

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A2

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